

1. Record Nr.	UNINA9911016079503321
Autore	Torday John S
Titolo	Conscious Life : Bridging Cellular Origins, Quantum Realities, and Cosmic Connections // by John S. Torday, Rob G. Sacco
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-80500-3
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (248 pages)
Altri autori (Persone)	SaccoRob G
Disciplina	576.801
Soggetti	Evolution (Biology) Molecular evolution Evolutionary developmental biology Evolutionary Theory Molecular Evolution Evolutionary Developmental Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Introduction -- Part I Energy and Evolution: The Basis of Life -- Chapter 1 Fractals Reveal Life as Energy Flow -- Chapter 2 Cellular Evolution as the Flow of Energy -- Chapter 3 Evolution as Serial Homeostatic Control of Energy -- Chapter 4 Adaptation Through Internal Selection -- Chapter 5 Cellular Consciousness and Evolutionary Energy -- Part II Epigenetics: The Mechanism of Evolution -- Chapter 6 Natural Selection as an Epigenetic Inheritance Subset -- Chapter 7 Biological and Quantum Mechanisms in Epigenetic Evolution -- Chapter 8 Epigenetics and Energy Flow in Our Expanding Cosmos -- Chapter 9 Disease, Evolution, and Epigenetic Pathways -- Chapter 10 Subjective Age and Epigenetics -- Part III Life and Energy: Consciousness in Evolution -- Chapter 11 Consciousness as Energy -- Chapter 12 Quantum Entanglement in Consciousness and Unconsciousness -- Chapter 13 Quantum and Cellular Influences on Linguistic Evolution -- Chapter 14 Quantum Realities in Social Science -- Chapter 15 The Holism of Evolution as Consciousness -- Part IV Evolutionary Patterns: From Biology to Astronomy -- Chapter 16 Bridging Microcosm and Macrocosm with Fibonacci and the Golden Ratio -- Chapter 17

Fibonacci Rhythms in Nature and Cosmos -- Chapter 18 Aging and Energy in the Fibonacci Paradigm -- Chapter 19 Synchronicities, Cellular Consciousness, and Evolutionary Dynamics -- Chapter 20 The Unified Patterns of Emergence -- Epilogue -- Appendix.

---

## Sommario/riassunto

Understanding consciousness is the most important scientific principle left to be understood. That is particularly true with the ready availability of software for Artificial Intelligence. The conventional way of thinking about evolution is focused on materiality, whereas a true understanding of evolution can only be understood by re-focusing on the flow of energy in service to Symbiogenesis. This book focuses on the role of quantum mechanics in the process of evolution, based on the perspective of energy flow rather than the description of biologic materiality. A basic understanding of that frame-shift is comparable to the Periodic Table of Elements showing the interrelationship between the alchemical description of matter and its energetic origin in the Big Bang. Based on the author's earlier works going back 25 years regarding the role of cell-cell communication in development and speciation, this book is designed to encourage an across space-time perspective on how and why we have evolved. "Energy and Evolution posits that the flow of energy is the primary force driving evolution in our Universe. This perspective offers a superior framework for understanding biological complexity and environmental adaptability. Evolution is presented not as a series of random mutations and adaptations but as a cohesive and purposeful progression toward enhanced communication and efficiency within and between organisms. Central to this thesis are symbiogenesis and quantum entanglement, which highlight the Universe's interconnectedness and emphasize collaboration and energy synergy over Darwinian competition. The book explores the Fibonacci sequence and the golden ratio as self-organizing principles inherent in complex systems, ranging from the micro to the macro—from the periodic table to the cosmos, and even in consciousness, human development, and aging. Fibonacci spirals are described as symbolizing the constant oscillation between conscious and unconscious states, akin to the balance between gravitational and radiant forces. While speculative and ambitious in scope, Energy and Evolution represents a sincere effort to integrate mathematics, cosmology, biology, consciousness research, and modern physics into a comprehensive theory that holds profound implications for understanding humanity's origins and future paths." Diane Hennacy Powell, MD Author of The ESP Enigma: A Scientific Case for Psychic Phenomena.

---